

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY080822.D
 Acq On : 08 Aug 2022 17:01
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/09/2022
 Supervised By :Mahesh Dadoda 08/09/2022

Quant Time: Aug 08 17:37:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:35:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.777	168	70588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	117677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	110917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	55273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	52610	85.053	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 170.100%#			
35) Dibromofluoromethane	7.710	113	58114	91.822	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 183.640%#			
50) Toluene-d8	10.173	98	185712	81.874	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 163.740%#			
62) 4-Bromofluorobenzene	12.477	95	90664	99.139	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 198.280%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	55680	94.280	ug/l	98
3) Chloromethane	2.101	50	74328	105.342	ug/l	97
4) Vinyl Chloride	2.235	62	77967	102.791	ug/l	98
5) Bromomethane	2.625	94	49788	99.961	ug/l	98
6) Chloroethane	2.772	64	46662	117.244	ug/l	97
7) Trichlorofluoromethane	3.107	101	125218	124.251	ug/l	100
8) Diethyl Ether	3.515	74	44119	118.006	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.881	101	72325	105.361	ug/l	95
10) Methyl Iodide	4.070	142	95132	106.214	ug/l	100
11) Tert butyl alcohol	4.954	59	35621	246.638	ug/l #	93
12) 1,1-Dichloroethene	3.857	96	70017	104.678	ug/l	97
13) Acrolein	3.717	56	2420	43.756	ug/l	88
14) Allyl chloride	4.460	41	132665	112.314	ug/l	98
15) Acrylonitrile	5.143	53	118467	573.018	ug/l	99
16) Acetone	3.936	43	96623	517.728	ug/l	96
17) Carbon Disulfide	4.174	76	235786	107.393	ug/l	98
18) Methyl Acetate	4.466	43	59492	113.239	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	198078	106.340	ug/l	98
20) Methylene Chloride	4.692	84	89524	94.083	ug/l	95
21) trans-1,2-Dichloroethene	5.204	96	82436	105.249	ug/l	99
22) Diisopropyl ether	6.106	45	273713	115.556	ug/l	98
23) Vinyl Acetate	6.045	43	901674	592.640	ug/l	97
24) 1,1-Dichloroethane	6.003	63	143831	107.459	ug/l	98
25) 2-Butanone	6.972	43	162357	570.127	ug/l	96
26) 2,2-Dichloropropane	6.966	77	120261	97.167	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	91413	105.905	ug/l	99
28) Bromochloromethane	7.320	49	47364	86.945	ug/l	92
29) Tetrahydrofuran	7.338	42	110010	601.897	ug/l	96
30) Chloroform	7.496	83	143024	105.824	ug/l	98
31) Cyclohexane	7.771	56	143687	108.888	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	122508	103.226	ug/l	98
36) 1,1-Dichloropropene	7.911	75	115229	106.697	ug/l	98
37) Ethyl Acetate	7.064	43	70621	112.388	ug/l	99
38) Carbon Tetrachloride	7.887	117	110950	100.622	ug/l	98
39) Methylcyclohexane	9.179	83	144075	107.481	ug/l	96
40) Benzene	8.149	78	339813	106.746	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	40827m	119.529	ug/l	
42) 1,2-Dichloroethane	8.228	62	92032	103.572	ug/l	99
43) Isopropyl Acetate	8.265	43	131831	113.588	ug/l	97
44) Trichloroethene	8.929	130	88938	101.453	ug/l	99
45) 1,2-Dichloropropane	9.209	63	86020	109.533	ug/l	99
46) Dibromomethane	9.301	93	48787	107.481	ug/l	96
47) Bromodichloromethane	9.490	83	110732	105.528	ug/l	100
48) Methyl methacrylate	9.289	41	60819	118.144	ug/l	92
49) 1,4-Dioxane	9.289	88	12756	2125.006	ug/l	97
51) 4-Methyl-2-Pentanone	10.063	43	359687	601.368	ug/l	98
52) Toluene	10.240	92	213239	108.222	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	118145	106.267	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	136506	107.596	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	68345	108.837	ug/l	99
56) Ethyl methacrylate	10.508	69	98839	118.223	ug/l	95
57) 1,3-Dichloropropane	10.788	76	119130	111.792	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	202812	488.521	ug/l	97
59) 2-Hexanone	10.831	43	254677	610.762	ug/l	98
60) Dibromochloromethane	10.984	129	82689	110.082	ug/l	99
61) 1,2-Dibromoethane	11.087	107	67555	110.489	ug/l	97
64) Tetrachloroethene	10.715	164	84243	89.343	ug/l	98
65) Chlorobenzene	11.514	112	224768	101.627	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	79734	100.675	ug/l	98
67) Ethyl Benzene	11.587	91	404503	102.737	ug/l	96
68) m/p-Xylenes	11.703	106	311459	202.711	ug/l	95
69) o-Xylene	12.026	106	145993	100.899	ug/l	94
70) Styrene	12.038	104	252892	105.034	ug/l	99
71) Bromoform	12.203	173	49802	100.882	ug/l #	100
73) Isopropylbenzene	12.325	105	392748	102.788	ug/l	99
74) N-amyl acetate	12.142	43	126824	119.039	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	81043	109.856	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	57723m	104.502	ug/l	
77) Bromobenzene	12.605	156	90367	97.091	ug/l	90
78) n-propylbenzene	12.666	91	497923	104.564	ug/l	98
79) 2-Chlorotoluene	12.752	91	277353	105.312	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	328776	101.719	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	30418	109.354	ug/l	97
82) 4-Chlorotoluene	12.849	91	287313	104.364	ug/l	97
83) tert-Butylbenzene	13.075	119	284810	100.791	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	323711	101.521	ug/l	98
85) sec-Butylbenzene	13.251	105	425822	101.252	ug/l	98
86) p-Isopropyltoluene	13.367	119	356001	102.628	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	178179	99.000	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	181656	99.942	ug/l	99
89) n-Butylbenzene	13.696	91	350919	107.177	ug/l	97
90) Hexachloroethane	13.959	117	69153	104.790	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	163476	100.844	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13154	104.514	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	96600	100.252	ug/l	99
94) Hexachlorobutadiene	15.111	225	51516	96.584	ug/l	100
95) Naphthalene	15.233	128	218753	112.013	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	86446	103.500	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
Data File : VY009879.D
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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